



# Model: E523/D

## X/Y Stereo Field Recording Microphone Specification Sheet

For phantom power and battery

### Description

The E523/D is configured with an X/Y stereo arrangement for live sound field recording. It is equipped with closely matched pair of capsules to provide the spatial impact and realism of a live sound field. The E523/D is particularly well suited for broadcast, pro-audio recording and digital field recording.

The microphone has two balanced outputs and works well with Pro or Consumer audio and video equipment.

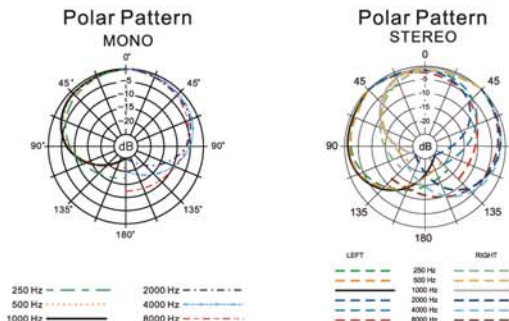
The built-in switchable low cut filter and the ability to operate on battery or phantom power combined with its lightweight and compact design makes the E523/D ideal for audio for video applications.



### Features

- ▶ Designed for broadcast and professional recording, and DAT field use
- ▶ Compact design is perfect for camera-mount applications
- ▶ Closely-matched elements provide the spatial impact and realism of a live sound field
- ▶ Switchable low-frequency roll-off
- ▶ Operates on battery or phantom power
- ▶ Includes a 16.5' (5 m) cable (5-pin XLR-F to two standard 3-pin XLR-M connectors)

### Polar Pattern and Frequency Response

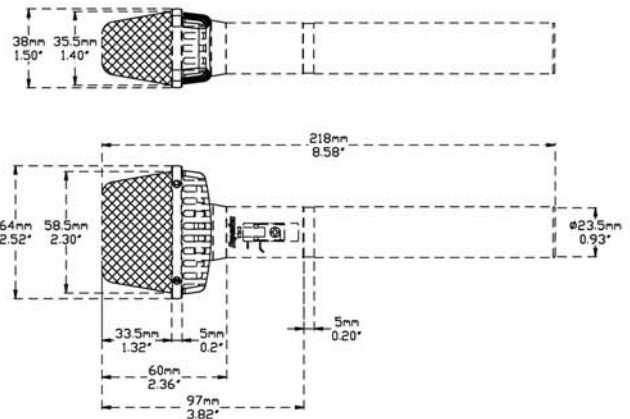


### Specifications

<b>Elements:</b>	Fixed-charge back plate, permanently polarized condenser
<b>Polar pattern:</b>	X/Y Stereo
<b>Frequency response:</b>	30~20,000Hz
<b>Low frequency roll-off:</b>	150Hz, 6dB/oct.
<b>Open circuit sensitivity:</b>	-47dBV/Pa (4.4 mV/Pa) at 1kHz*
<b>Channel balance:</b>	≤2.5dB
<b>Impedance:</b>	200Ω , balanced
<b>Max. SPL:</b>	126dB SPL, 1kHz at 1% T.H.D.
<b>Signal-to-noise ratio:</b>	70dB, 1kHz at 1 Pa
<b>Dynamic range (typical):</b>	102dB, 1kHz at Max SPL
<b>Phantom power requirements:</b>	5-52V DC, 2 mA (each channel)
<b>Battery type:</b>	1.5V AA/UM3
<b>Battery current / life:</b>	2mA / 1000 hours typical (alkaline)
<b>Switch:</b>	Flat, roll-off
<b>Output connector:</b>	Integral 5-pin XLR-M type
<b>Cable:</b>	16.5' (5 m) long, 5 conductors under two shields, vinyl-jacketed, stereo cable with 5-pin XLR-F-type connector at microphone end, two 3-pin XLR-M-type connectors at output end
<b>Dimensions:</b>	Ref. to following illustration
<b>Weight:</b>	340g (12oz)

\* 1Pa=10 microbars=94dB SPL

### Dimension



### Accessories included

- 5-meter stereo signal cable ❶, HM-38 clamp ❷, and protective punch.



### Optional Accessories

- S-50 wind screen , HM-40C camera mount ❸ .

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